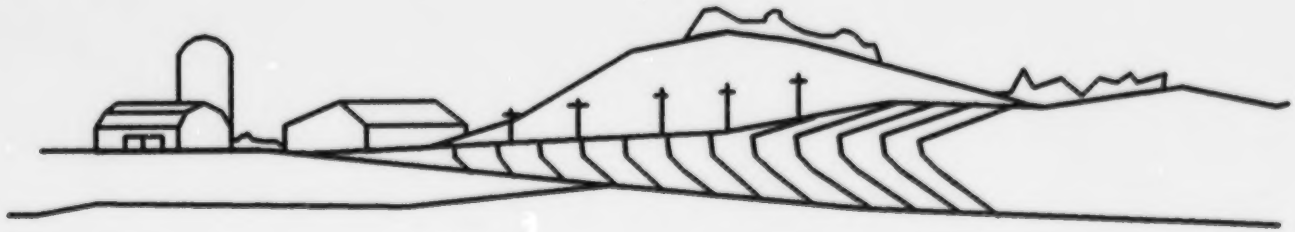
CUSTOM RATES SURVEY

FERTILIZER & HERBICIDE APPLICATIONS AND GRAIN SEEDING 1989



Alberta
AGRICULTURE
STATISTICS BRANCH
427-4011

89-05225/

PREFACE

The Custom Rate Survey is conducted for Alberta Agriculture as a cooperative effort involving the Department Statistics Branch, and Farm Business Management Branch.

The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be GNR (Good Neighbor Rates) as opposed to CR (Commercial Rates). The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who were so willing in helping to provide information. If you are involved in any custom operations and have not been contacted but wish to contribute please call the following numbers or contact your local District Agriculturist.

Alberta Agriculture
Statistics Branch
Edmonton, Alberta
403-427-4011

Alberta Agriculture
Farm Business Management Branch
Olds, Alberta
403-556-4240

LEGEND

● Regional Offices

Region 1 - Lethbridge
2 - Airdrie
3 - Red Deer
4 - Vermilion
5 - Barrhead
6 - Fairview

★ Edmonton
Calgary

LEGEND

OPERATIONS

CS - Crop Seeding
FA - Fertilizer Application
HA - Herbicide Application

PRODUCT FORM

A - Anhydrous Ammonia
G - Granular
L - Liquid

APPLICATOR

PT - Pull Type
TM - Truck Mount
FL - Floater
AS - Air Seeder
FW - Fixed Wing

NOTES

CULT - Cultivator
HERB - Herbicides
FERT - Fertilizer

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
1	MD6	FA	G	PT WILLMAR		2.50	
1	MD6	FA	L	PT TYLER		2.50	
1	MD14	FA	L	FW GRUMMAN KING CAT		5.00	4 GALLONS WATER
1	MD14	FA	G	TM BARBER		3.00	
1	MD14	FA	L	TM LOREL EASY RIDER		3.00	
1	MD14	FA	L	FW GRUMMAN KING CAT		3.50	2 GALLONS WATER
1	MD14	FA	G	TM LOREL EASY RIDER		3.00	
1	MD26	FA	L	PT GREEN DROP BANDWAGON		8.00	
1	MD26	FA	G,L	PT MCGREGGOR	$1/AC	3.00	WITH PURCHASE OF PRODUCT
1	MD26	FA	G	PT WILLMAR	$0.50/AC		WITH PURCHASE OF PRODUCT
1	MD26	FA	A	PT CULTIVATOR W/KIT		6.00	
1	MD26	FA	L	PT BANDWAGON	$0.50/AC		WITH PURCHASE OF PRODUCT
1	2	FA	G	PT LOREL EASY RIDER	$8/DAY	2.75	
1	4	FA	L	TM TERRIGATOR		3.50	
1	4	FA	G	PT WILLMAR	$0.50/AC		WITH PURCHASE OF PRODUCT
1	5	FA	G	FL EASY RIDER		2.50	WITH PURCHASE OF PRODUCT
1	8	FA	L	TM GREEN DROP	$1/AC	3.50	WITH PURCHASE OF PRODUCT
1	8	FA	G	TM GREEN DROP	$1/AC	3.50	WITH PURCHASE OF PRODUCT
1	8	FA	G,A	FL LOREL	$2-5/AC		WITH PURCHASE OF PRODUCT
1	8	FA	L	GRUMMAN HELICOPTER		2.50-10.00	DEPENDING ON WATER RATIO

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
1	8	FA	L,A	PT DOUBLE SHOOTER	$5/AC		WITH PURCHASE OF PRODUCT
1	26	FA	G,A	FL LOREL	$3/AC		BLENDING $6/TONNE EXTRA
1	26	FA	G,L,A	PT WEST AG DOUBLE SHOOTER	$3/AC		WITH PURCHASE OF PRODUCT
1	26	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
1	26	FA	L	PT VALMAR OR TYLER	$7/TONNE		WITH PURCHASE OF PRODUCT
1	26	FA	G	FL WILLMAR		3.00	
1	26	FA	L	TM WILLMAR		3.00	WITH PURCHASE OF PRODUCT
1	26	FA	G	PT WILLMAR	$6/TONNE		WITH PURCHASE OF PRODUCT
1	26	FA	G,L,A	PT WEST AG DOUBLE SHOOTER		5.00	
1	26	FA	G,A	TM LOREL AIRFLOW		3.25	
2	CALGARY	FA	G	BELL HELICOPTER		575/HR	PLUS FUEL
2	CALGARY	FA	G	PT LOREL		3.50	WITH PURCHASE OF PRODUCT
2	CALGARY	FA	A	PT BOURGAULT		6.00	
2	CALGARY	FA	A	PT MCGREGGOR	$60/TONNE		WITH PURCHASE OF PRODUCT
2	CALGARY	FA	G	PT WILLMAR		3.00	WITH PURCHASE OF PRODUCT
2	ID7	FA	G	FW CESSNA		3.50	
2	MD31	FA	G	SIMPLEX HELICOPTER		575/HR	PLUS FUEL
2	MD31	FA	G	FL LOREL		3.50	WITH PURCHASE OF PRODUCT
2	MD31	FA	G	AS MORRIS OR FLEXICOIL		6.50	
2	MD31	FA	G	AS JOHN DEERE		6.25	
2	MD31	FA	A	PT BEN HUNT	$30/TONNE		WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
2	MD31	FA	G,A	AS PRASCO W/PT CONTINENTAL		6.00	DOUBLE SHOOTING
2	MD31	FA	G	AS PRASCO		6.00	
2	MD44	FA	G	TM LOREL	$1/AC	3.00	WITH PURCHASE OF PRODUCT
2	MD44	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	MD44	FA	G	PT WILLMAR	$50/DAY		WITH PURCHASE OF PRODUCT
2	MD44	FA	L	PT GREEN DROP		6.00	
2	MD44	FA	G	AS TERRIGATOR		3.50	
2	MD44	FA	G	FL LOREL		3.00	WITH PURCHASE OF PRODUCT
2	MD44	FA	G	FL LOREL	$3/AC		WITH PURCHASE OF PRODUCT
2	MD44	FA	A	PT MCGREGGOR	$60/TONNE		WITH PURCHASE OF PRODUCT
2	MD44	FA	G,A	TM LOREL W/COLD FLOW KIT		3.25	
2	MD48	FA	G	PT WILLMAR	$0.75/AC		WITH PURCHASE OF PRODUCT
2	MD48	FA	G	AS PRASCO	$2.50/AC		WITH PURCHASE OF PRODUCT
2	MD48	FA	G	AS PRASCO		6.00	
2	SA3	FA	L	PT MOBILITY	$2/AC	3.00	
2	SA3	FA	G	PT MOBILITY	$2/AC	3.00	
2	16	FA	G,A	PT DOUBLE SHOOTER	$5/AC		WITH PURCHASE OF PRODUCT
2	16	FA	G,A	PT LIVE WIRE	$3.75/AC		WITH PURCHASE OF PRODUCT
2	16	FA	G,A	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	16	FA	G	FL LOREL OR WILLMAR		3.50	WITH PURCHASE OF PRODUCT
2	16	FA	G	PT WILLMAR	$0.75/AC		WITH PURCHASE OF PRODUCT
2	17	FA	G	PT MCGREGGOR	$1/AC		WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
2	17	FA	G	TM TYLER		3.25	
2	17	FA	L	FL TERRIGATOR		3.20	WITH PURCHASE OF PRODUCT
2	17	FA	G	PT WILLMAR	$0.25/AC		WITH PURCHASE OF PRODUCT
2	17	FA	G	AS JOHN DEERE		7.00	
2	17	FA	G	FL TERRIGATOR		3.20	WITH PURCHASE OF PRODUCT
2	17	FA	A	PT COOP W/NURSE KIT	$38/TONNE		
2	17	FA	G	FL CROSSFIELD	$3/AC		WITH PURCHASE OF PRODUCT
3	MD99	FA	G	FL WILLMAR		2.75	
3	MD99	FA	G	PT WILLMAR	$8/TONNE		WITH PURCHASE OF PRODUCT
3	MD99	FA	G	PT WILLMAR	$7/TONNE		WITH PURCHASE OF PRODUCT
3	3	FA	G	PT WILLMAR		2.75	
3	3	FA	G	TM BARBER		2.75	
3	3	FA	G	PT TYLER	$2/AC		WITH PURCHASE OF PRODUCT
3	10	FA	G	FL TERRIGATOR		3.25	
3	10	FA	G	AS TERRIGATOR	$2.50/AC		WITH PURCHASE OF PRODUCT
3	10	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
3	14	FA	A	PT JOHN BLUE	$30/DAY		DOES NOT INCLUDE CULTIVATOR
3	14	FA	G	TM BARBER		3.00	WITH PURCHASE OF PRODUCT
3	14	FA	G	PT TYLER	$0.35/AC		WITH PURCHASE OF PRODUCT
3	14	FA	G	PT BARBER		3.00	WITH PURCHASE OF PRODUCT
3	14	FA	G	PT WILLMAR	$0.50/AC		WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
3	14	FA	G	TM BARBER		3.00	WITH HERBICIDE
3	14	FA	G	TM BARBER		3.00	WITH HERBICIDE
3	18	FA	G	PT WILLMAR		3.00	
3	18	FA	G	AIR SEEDER	$2.50/AC		
3	22	FA	G	TM BARBER		2.75	
3	22	FA	G	PT VALMAR	$6/TONNE		WITH PURCHASE OF PRODUCT
3	22	FA	G	PT WILLMAR	$0.50/AC		WITH PURCHASE OF PRODUCT
3	22	FA	G	PT WILLMAR		3.00	
3	22	FA	G	TM WILLMAR		2.75	
3	23	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
3	23	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
3	23	FA	A	PT MCGREGGOR	$30/DAY	2.75	WITH PURCHASE OF PRODUCT
3	23	FA	G	CULT & CONCORD BANDER	$4.50/AC		TANK & CULT; WITH LIQUID HERBICIDE
3	23	FA	G	TM BARBER		3.25	
3	23	FA	G	PT CONCORD (BANDING)	$3/AC		TANK ONLY; WITH LIQUID HERBICIDE
3	23	FA	G	FL WILLMAR		3.50	
3	23	FA	G	PT MOBILITY	$50/DAY	3.25	WITH PURCHASE OF PRODUCT
3	23	FA	G	PT TYLER	$1/AC		WITH PURCHASE OF PRODUCT
3	23	FA	G	CULT, BANDER, SPREADER	$5/AC		TANK & CULT; WITH GRAN. HERBICIDE
3	23	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
3	23	FA	G	PT WILLMAR	$10/TONNE		WITH PURCHASE OF PRODUCT
3	23	FA	A	VALMAR ON CULT	$45/TONNE		WITH PURCHASE; DOUBLE SHOOTER
3	23	FA	G	TM BARBER		3.00	WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
3	29	FA	L	FW PIPER PAWNEE		5.00	5 GALLONS WATER
3	29	FA	G	PT WILLMAR	$5/TONNE		WITH PURCHASE OF PRODUCT
3	29	FA	G,A	CULT, BANDER & COLD FLOW KIT	$3/AC		WITH PURCHASE; DOUBLE SHOOTING
3	29	FA	G	AS BOURGAULT		5.00	WITH PURCHASE OF PRODUCT
3	29	FA	G	PT PRASCO BANDIT	$4.50/AC		WITH TRACTOR
3	29	FA	L	FW PIPER PAWNEE		3.50	2 GALLONS WATER
3	29	FA	L	FW GRUMMAN		5.00	5 GALLONS WATER
3	29	FA	G	PT PRASCO BANDIT		5.00	
3	29	FA	A	PT MCGREGGOR	$5/AC		WITH PURCHASE OF PRODUCT
3	29	FA	L	FW GRUMMAN		3.50	2 GALLONS WATER
3	29	FA	G	AS EAGLE		6.00	
4	MD61	FA	L	FL TERRIGATOR		3.50	
4	MD87	FA	L	FW CESSNA AG TRUCK		4.00	2 GALLONS WATER
4	MD87	FA	L	FW CESSNA AG TRUCK		3.50	1 GALLON WATER
4	MD87	FA	L	FW CESSNA AG TRUCK		4.25	3 GALLONS WATER
4	9	FA	L	FL AG-CHEM	$2/AC		WITH PURCHASE OF PRODUCT
4	19	FA	G	FL WILLMAR		3.00	WITH PURCHASE OF PRODUCT
4	24	FA	L	FW CESSNA AG TRUCK		3.70	1 GALLON WATER
4	24	FA	L	FW CESSNA AG TRUCK		4.70	3 GALLONS WATER
4	24	FA	L	GREEN DROP BANDWAGON	$1/AC		WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
4	24	FA	L	FW CESSNA AG TRUCK		4.20	2 GALLONS WATER
4	24	FA	L	FL TERRIGATOR		3.50	
5	MD90	FA	G	PT WILLMAR		2.75	
5	MD90	FA	G,A	PT BANDICATOR	$5/TONNE		WITH PURCHASE OF PRODUCT
5	MD90	FA	G	PT WILLMAR	$0.60/AC	2.75	WITH PURCHASE OF PRODUCT
5	MD90	FA	G	FL TERRIGATOR		2.75	
5	MD92	FA	G	PT WILLMAR		3.00	WITH PURCHASE OF PRODUCT
5	11	FA	G	FL BIG WHEELS		3.00	WITH PURCHASE OF PRODUCT
5	20	FA	G	PT WILLMAR	$1/AC		
5	20	FA	G	PT WILLMAR		3.00	
5	20	FA	G	FL WILLMAR	$2.75/AC	7.50	WITH PURCHASE OF PRODUCT
5	25	FA	G	PT WILLMAR	$30/DAY		
5	25	FA	L	FL TERRIGATOR		3.00	WITH PURCHASE OF PRODUCT
5	25	FA	G	PT WILLMAR	$40/DAY	3.00	WITH PURCHASE OF PRODUCT
5	31	FA	G	FL BIG A		3.00	WITH PURCHASE OF PRODUCT
6	ID16	FA	G,A	PT WILLMAR	$40/DAY	4.00	CUSTOMER SUPPLIES ANHYDROUS EQUIP.

FERTILIZER APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
6	ID17	FA	G	FL EASY RIDER		4.00	WITH PURCHASE OF PRODUCT
6	MD136	FA	G	PT WILLMAR	$1/AC		WITH PURCHASE OF PRODUCT
6	1	FA	G	AS FRIGSTAD		6.50	WITH PURCHASE OF PRODUCT
6	1	FA	G	PT WILLMAR	$50/DAY		WITH PURCHASE OF PRODUCT
6	1	FA	G	FL BIG A		3.50	
6	1	FA	G	CULT & BANDER		6.00	WITH LIQUID HERBICIDE

HERBICIDE APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
1	MD6	HA	L	TM REMODELED CENTURY		2.50	
1	MD14	HA	L	FW PIPER		3.45	2 GALLONS WATER
1	MD14	HA	L	FW PIPER		2.95	1 GALLON WATER
1	MD14	HA	L	TM LOREL EASY RIDER		3.50	RATES VARIES PER TOTAL ACREAGE
1	MD14	HA	L	PT TRIPLE K		10.00	
1	MD14	HA	L	FW GRUMMAN AG-CAT		3.00	1 GALLON WATER
1	MD14	HA	L	FW PIPER		3.95	3 GALLONS WATER
1	MD14	HA	L	FW GRUMMAN AG-CAT		3.50	2 GALLONS WATER
1	MD26	HA	L	TM CENTURY		2.50	RATE VARIES PER WATER RATIO
1	MD26	HA	L	PT COMPUTER JET		2.25	
1	MD26	HA	L	TM HARDY		2.00	
1	MD26	HA	L	PT GREEN DROP BANDWAGON		2.75	10 GALLONS WATER
1	MD26	HA	L	TM HARDY		2.75	
1	MD26	HA	L	TM HARDY		2.25	
1	2	HA	G	PT LOREL EASY RIDER	$8/DAY	2.75	
1	4	HA	L	TM TERRIGATOR		3.75	
1	8	HA	L	TM SPRAYER	$1.50/AC		
1	8	HA	G	SP SPRAY COUPE		2.75	
1	26	HA	L	FW PIPER PAWNEE		5.50	5 GALLONS WATER
1	26	HA	L	FW PIPER PAWNEE		3.00	1 GALLON WATER

HERBICIDE APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
1	26	HA	L	FW PIPER PAWNEE		4.00	2 GALLONS WATER
1	26	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	CALGARY	HA	G	PT LOREL		3.50	
2	ID7	HA	L	FW PAWNEE		3.75	1 GALLON WATER
2	ID7	HA	L	FW GRUMMAN		3.25	1 GALLON WATER
2	ID7	HA	L	FW PAWNEE		4.25	2 GALLONS WATER
2	ID7	HA	G	FW CESSNA		3.50	
2	ID7	HA	L	FW GRUMMAN		3.75	2 GALLONS WATER
2	MD31	HA	L	FW CESSNA AG-WAGON		2.85	1 GALLON WATER
2	MD31	HA	L	PT BLANCHARD		2.25	
2	MD31	HA	L	FW GRUMMAN		4.00	3 GALLONS WATER
2	MD31	HA	L	TM HARDY		3.50	
2	MD31	HA	L	FW GRUMMAN		3.00	1 GALLON WATER
2	MD31	HA	L	FL LOREL		3.75	WITH FERTILIZER
2	MD31	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	MD31	HA	L	PT HOME-BUILT		2.75	
2	MD31	HA		PT VERTEC		2.50	
2	MD31	HA	L	FW SCHWEIZER		3.50	2 GALLONS WATER
2	MD31	HA	L	FW SCHWEIZER		3.00	1 GALLON WATER
2	MD31	HA	L	PT VERSATILE		2.00	
2	MD31	HA	L	FW GRUMMAN		3.50	2 GALLONS WATER

HERBICIDE APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
2	MD44	HA	G	TM VALMAR		2.00	WITH PURCHASE OF PRODUCT
2	MD44	HA	G	FL LOREL	$3/AC		WITH PURCHASE OF PRODUCT
2	MD44	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	MD48	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	MD48	HA	G	PT VALMAR	$0.50/AC		WITH PURCHASE OF PRODUCT
2	MD48	HA	G	PT VALMAR	$1/AC		
2	SA3	HA	G	PT VALMAR	$2.50/AC		
2	SA3	HA	L	FL TERRIGATOR		3.00	
2	16	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	16	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
2	17	HA	L	FL TERRIGATOR		3.20	
3	10	HA	L	PT GOLDEN ARROW		2.50	WITH PURCHASE OF PRODUCT
3	14	HA	G	PT NODET	$1/AC		WITH PURCHASE OF PRODUCT
3	14	HA	G	PT NODET	$0.75/AC		
3	22	HA	G	PT NODET		2.75	
3	23	HA	G	FL TYLER		2.75	
3	23	HA	L	FL TYLER	$2/AC		WITH PURCHASE OF PRODUCT

HERBICIDE APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
3	23	HA	L	PT DEMPSTER	$3.50/AC		WITH PURCHASE OF PRODUCT
3	23	HA	G	PT VALMAR	$1/AC		WITH PURCHASE OF PRODUCT
3	29	HA	L	FW PIPER PAWNEE		3.50	2 GALLONS WATER
3	29	HA	L	FL SPRAY COUPE		3.00	
3	29	HA	L	FW AYRES TURBO THRUSH		3.75	2 GALLONS WATER
3	29	HA	G	PT VALMAR	$1/AC		WITHOUT PURCHASE
3	29	HA	L	FW GRUMMAN		5.00	5 GALLONS WATER
3	29	HA	L	FW PIPER PAWNEE		5.00	5 GALLONS WATER
3	29	HA	L	FW GRUMMAN		3.50	2 GALLONS WATER
3	29	HA	G	PT VALMAR	$0.75/AC		WITH PURCHASE OF PRODUCT
4	19	HA	L	TM WILLMAR		3.00	
5	25	HA	L	TM VALMAR		2.00	WITH PURCHASE OF PRODUCT
5	25	HA	L	FL TERRIGATOR		3.00	WITH PURCHASE OF PRODUCT
5	25	HA	L	TM HARDY		3.00	WITH PURCHASE OF PRODUCT
5	31	HA	G	PT SIMONSON	$10/TONNE		WITH PURCHASE OF PRODUCT
5	31	HA	L	FW AG-WAGON		3.60	1 GALLON WATER
5	31	HA	L	FW AG-WAGON		4.80	5 GALLONS WATER
5	31	HA	L	FW AG-WAGON		4.35	2 GALLONS WATER

HERBICIDE APPLICATION 1989

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
6	ID17	HA	G	PT WILLMAR	$40/DAY		WITH PURCHASE OF PRODUCT
6	1	HA	L	TM HIGH PRESSURE SPRAYER		$65/HR	
6	1	HA	L	TM HARDY BOOM SPRAYER		3.75	

CROP SEEDING 1989

REGION	COUNTY OPERATION	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
1	MD14 CS	PT MONOSEN		15.00	SUGARBEETS/BEANS
1	MD14 CS	FW PAWNEE BRAVE		5.00	
1	MD26 CS	PT VERSATILE		10.00	
1	MD26 CS	PT INTERNATIONAL DRILL		6.00	
1	MD26 CS	PT VERSATILE HOE DRILL		6.50	
1	2 CS	AS CONCORD	$3.50/AC		
1	8 CS	TM SURFACE SEEDER	$1.50/AC		
1	26 CS	PT VALMAR	$1/AC		FORAGE
2	CALGARY CS	AS FRIGSTAD		6.00	
2	CALGARY CS	BELL HELICOPTER		575/HR	PLUS FUEL
2	ID7 CS	FW CESSNA		3.25	CLOVER, CANOLA
2	MD31 CS	FL LOREL		3.50	GRAINS, GRASSES
2	MD31 CS	AS JOHN DEERE		6.25	
2	MD31 CS	FW CESSNA AG-WAGON		7.00	GRAINS
2	MD31 CS	AS MORRIS OR FLEXICOIL		6.50	TRUCKS $1.50/AC EXTRA
2	MD31 CS	FW GRUMMAN		4.00	GRASSES, CANOLA
2	MD31 CS	PT INTERNATIONAL AIR DRILL		10.00	
2	MD31 CS	SIMPLEX HELICOPTER		575/HR	PLUS FUEL; GRASSES, CANOLA
2	MD31 CS	FW CESSNA AG-WAGON		3.00	CANOLA
2	MD31 CS	AS PRASCO		8.00	
2	MD44 CS	PT MELROW DRILL		10.00	
2	MD44 CS	PT JOHN DEERE DRILL		6.00	TRUCKS $2/AC EXTRA

CROP SEEDING 1989

REGION	COUNTY OPERATION	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST ($/AC)	NOTES
2	MD44 CS	FL LOREL		3.00	
2	MD44 CS	AS TERRIGATOR		4.50	GRASSES
2	MD48 CS	AS FRIGSTAD		7.00	
2	MD48 CS	PT INTERNATIONAL DRILL		4.00	
2	17 CS	TM TYLER		3.25	FORAGE
2	17 CS	PT JOHN DEERE DRILL		7.00	GRAINS W/FERT OR GRASSES
2	17 CS	AS JOHN DEERE		7.00	
2	17 CS	PT JOHN DEERE DRILL		6.50	GRAINS
3	3 CS	PT BRILLIAN	$4/AC	5.00	GRASSES
3	23 CS	AS CONCORD	$7/AC		WITH FERTILIZER
3	29 CS	AS EAGLE		6.50	
3	29 CS	FW AYRES TURBO THRUSH		3.50	CANOLA
5	25 CS	AS FLEXICOIL	$2.50/AC		
5	25 CS	AS FLEXICOIL W/VALMAR	$3.50/AC		
6	1 CS	AS FRIGSTAD		6.50	